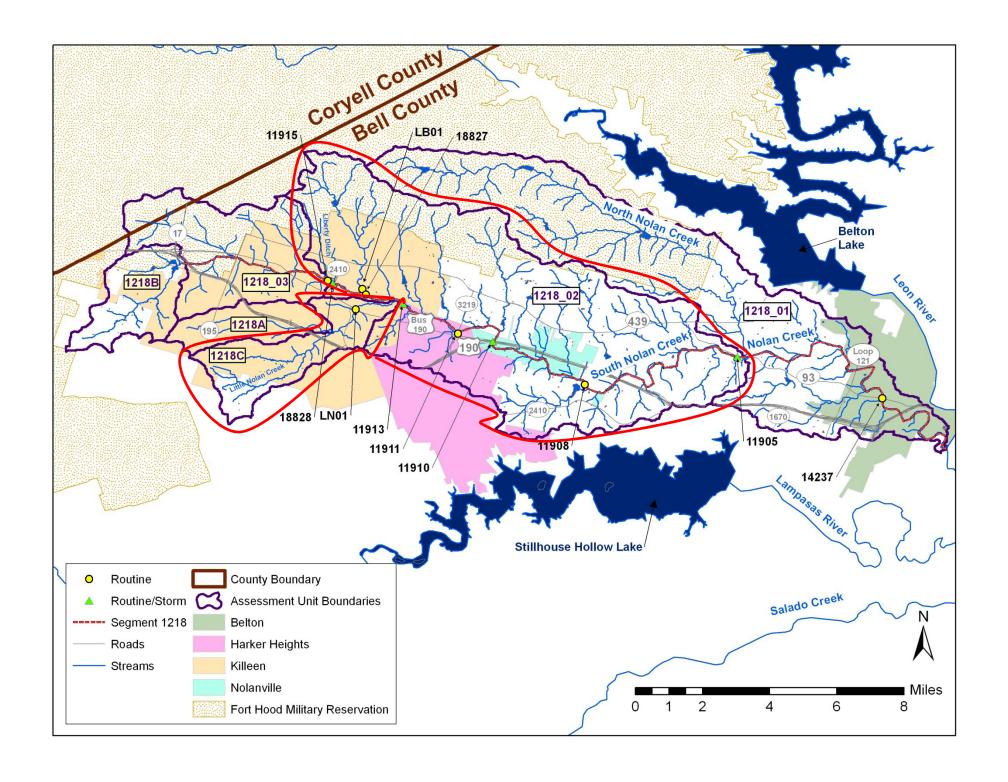


Segment 1218 303(d) List

Impaired due to elevated bacteria in two Assessment Units (AUs)

- 1218_02 South Nolan from Liberty Ditch to confluence with North Nolan/Nolan Creek
- 1218C_01 Little Nolan Creek

Concerns for elevated nutrients based on screening levels in AU 1218_02





Monthly Routine

11 Stations

Quarterly Storm

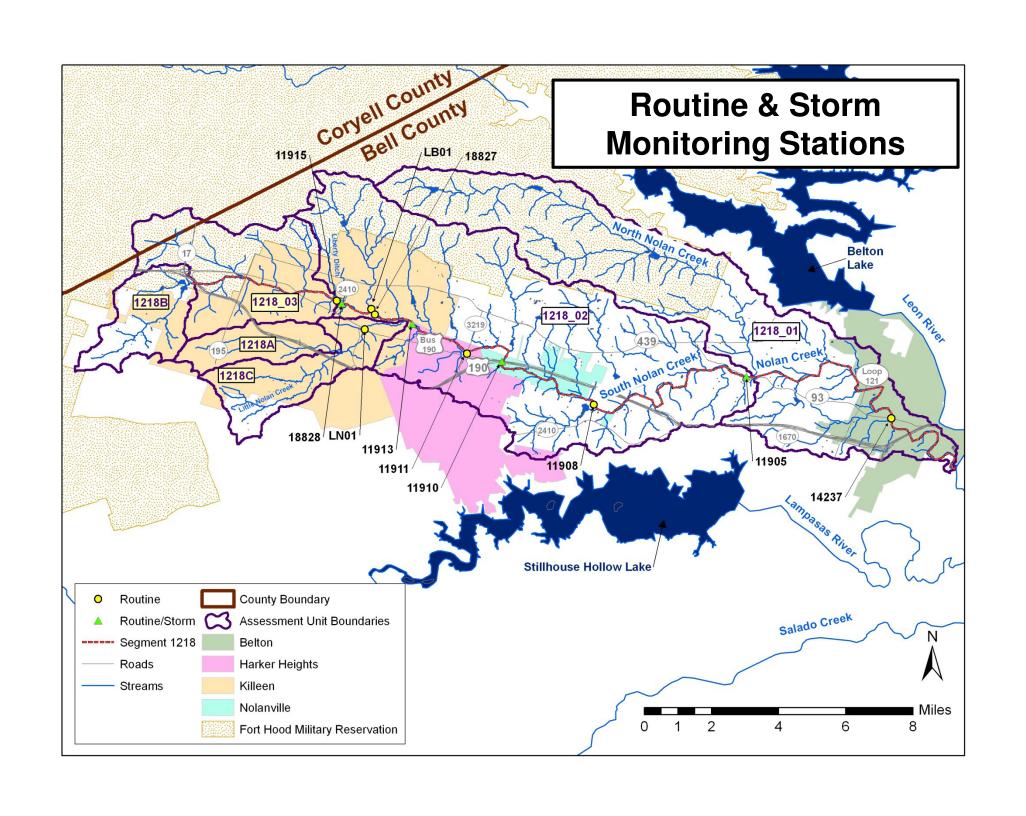
4 Stations

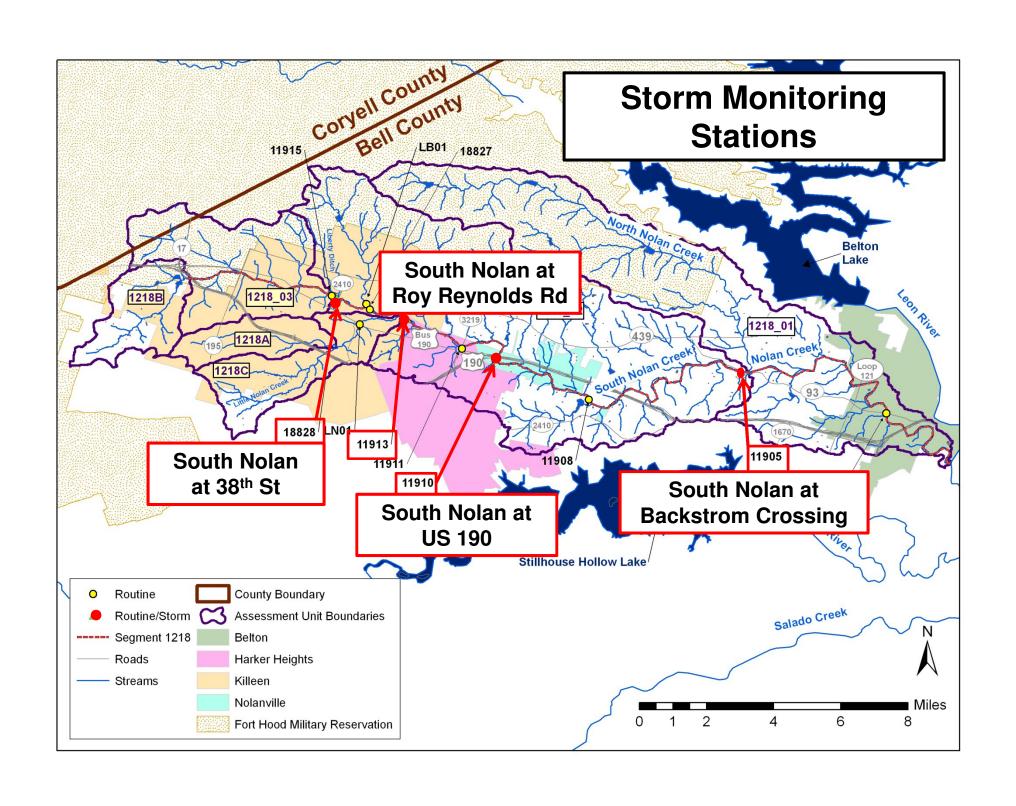
Presenting Preliminary Data -

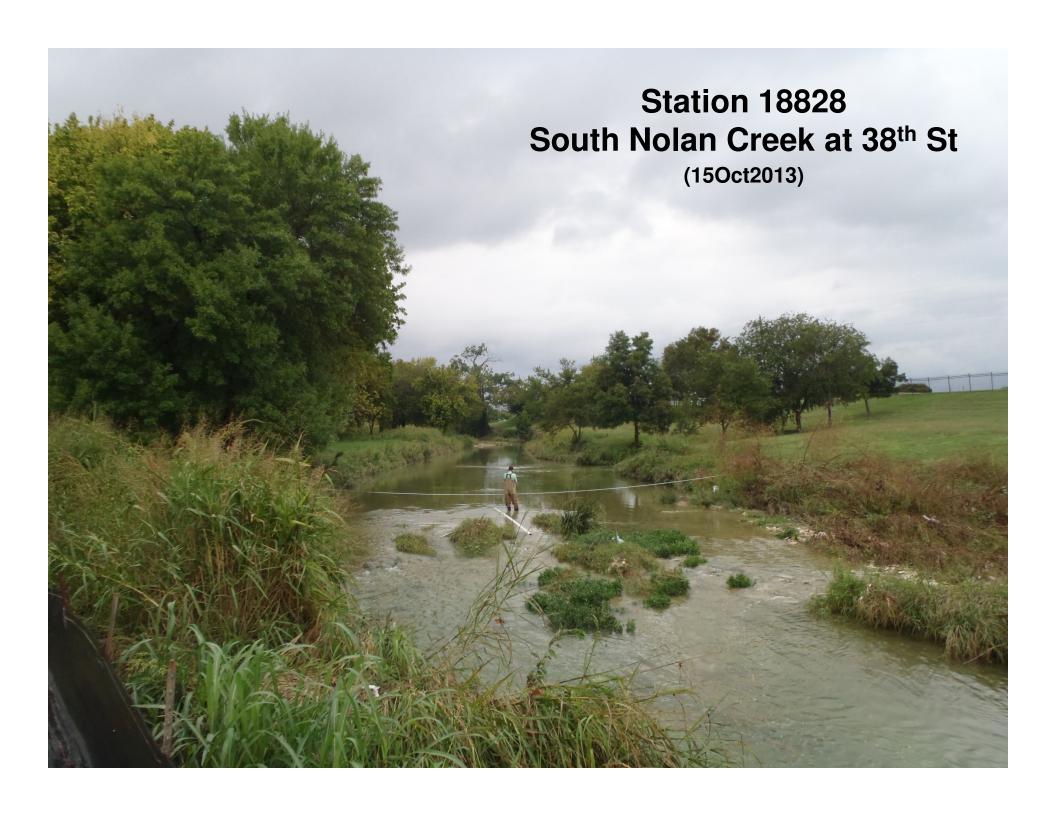
May through October 2013

Routine (6 events) & Storm (2 events)



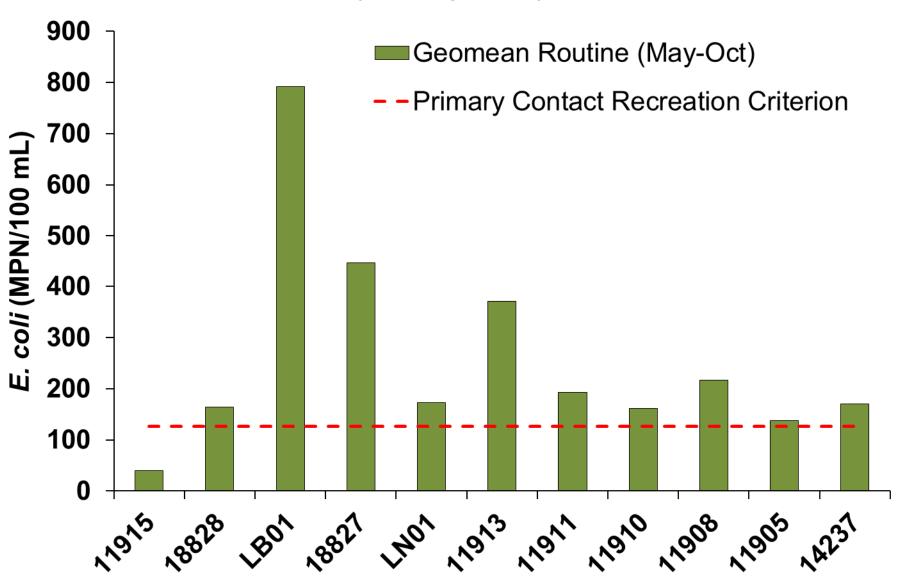




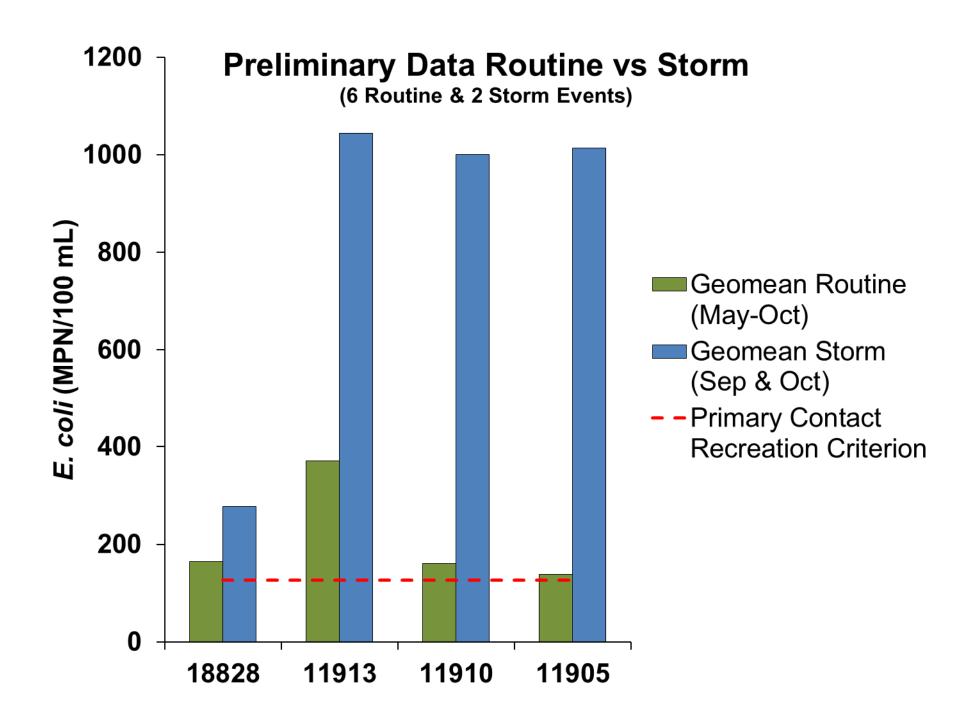


Preliminary Routine Data

(6 Monthly Events)









- Higher storm concentrations, potentially
 - nonpoint source runoff
 - resuspened sediment attached bacteria
 - other ???
- Limited data with < 10 samples



Interpretation

 Higher concentrations do not mean the water is unsafe for recreation, but indicate a higher risk of potential gastrointestinal issues, if ingested





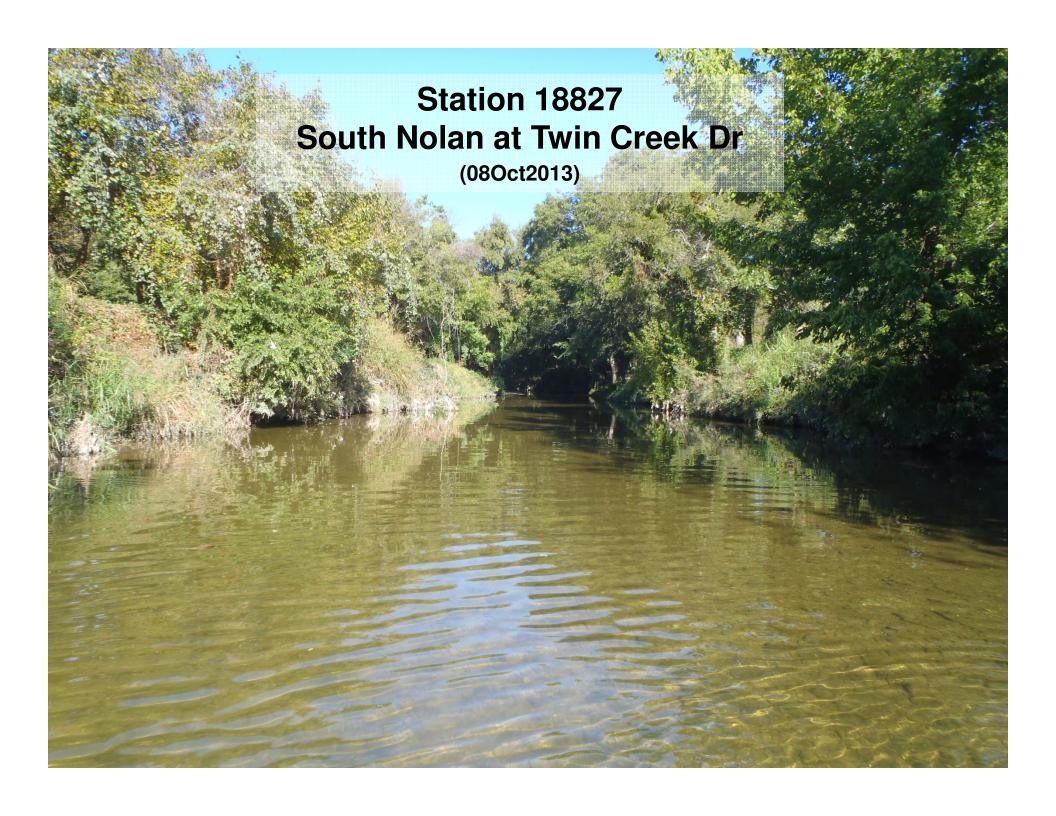
- Evaluate potential sources
 - Geographic inventory
 - Monitoring program
- Identify targeted control practices
- Future projects Bacteria Source Tracking (???)



More Monitoring Data

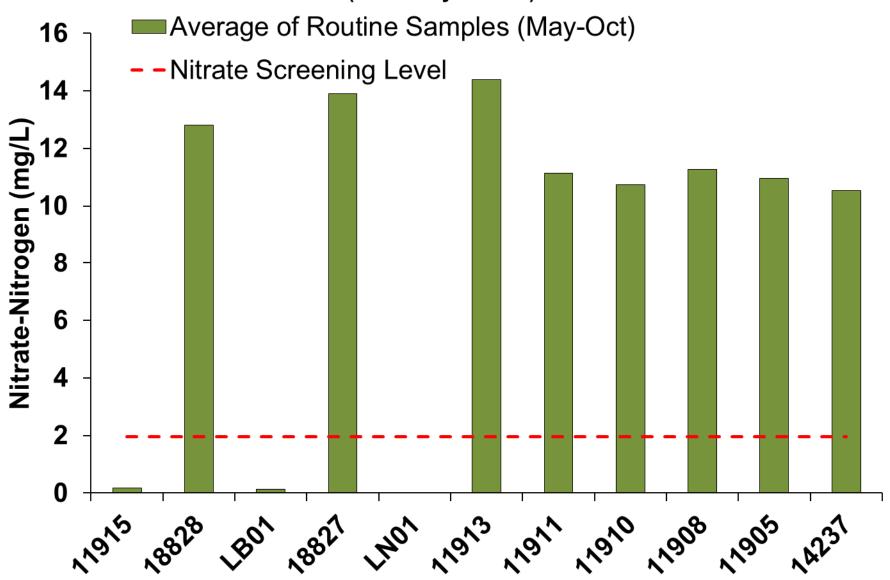
Monitoring program focuses on E. coli but also includes nutrients





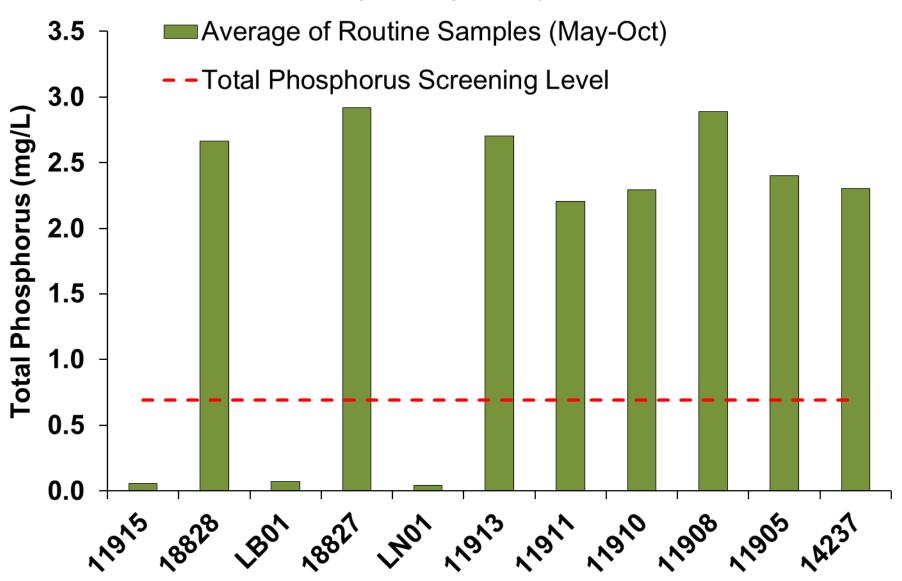
Preliminary Routine Data

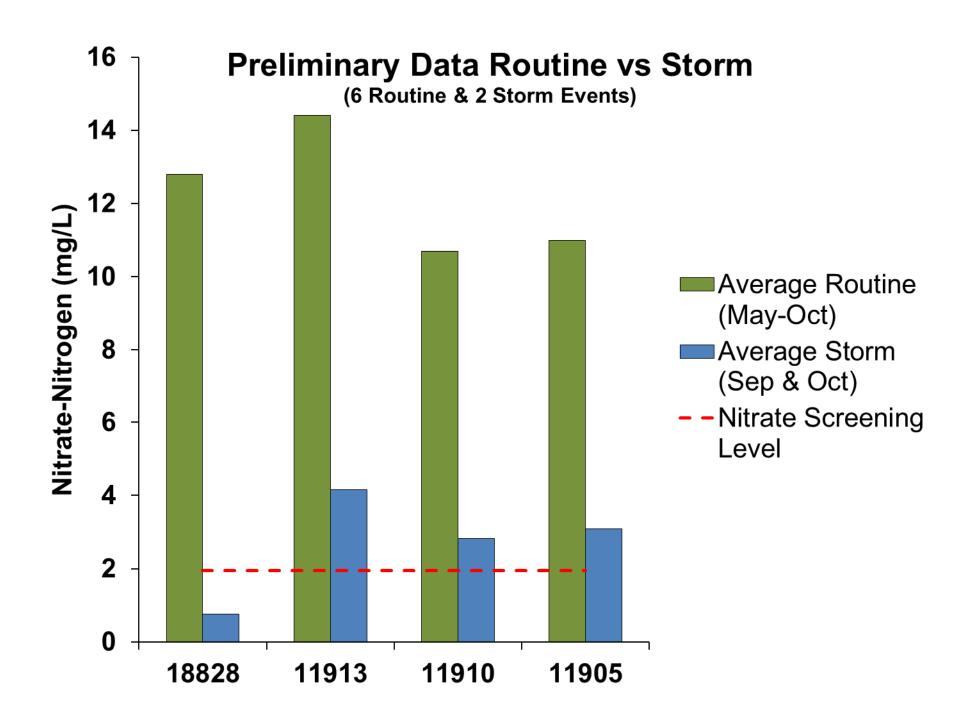
(6 Monthly Events)

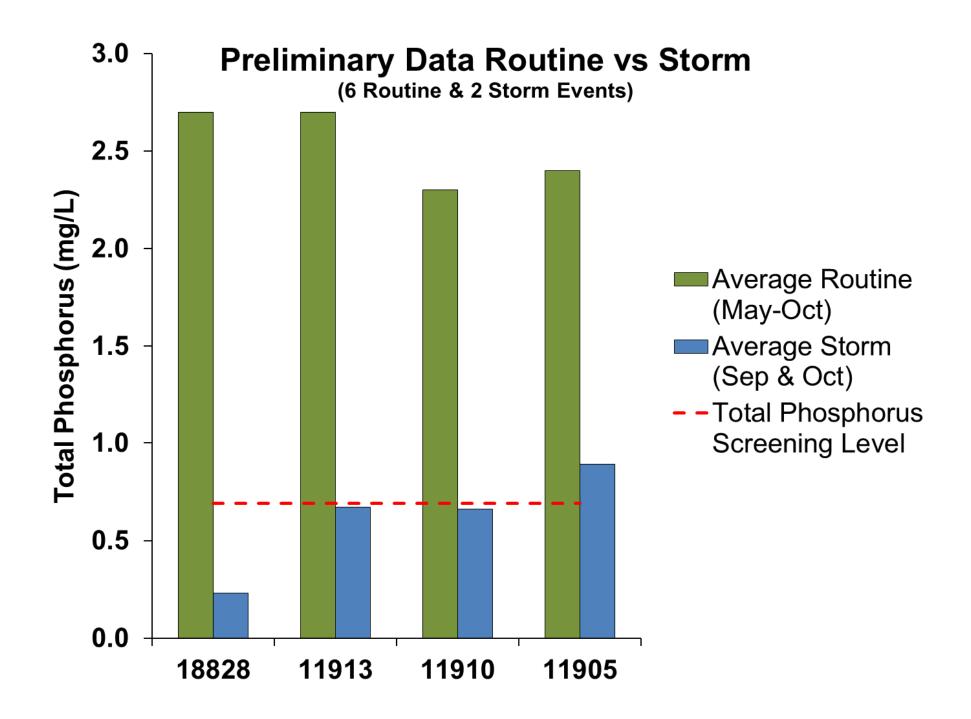


Preliminary Routine Data

(6 Monthly Events)

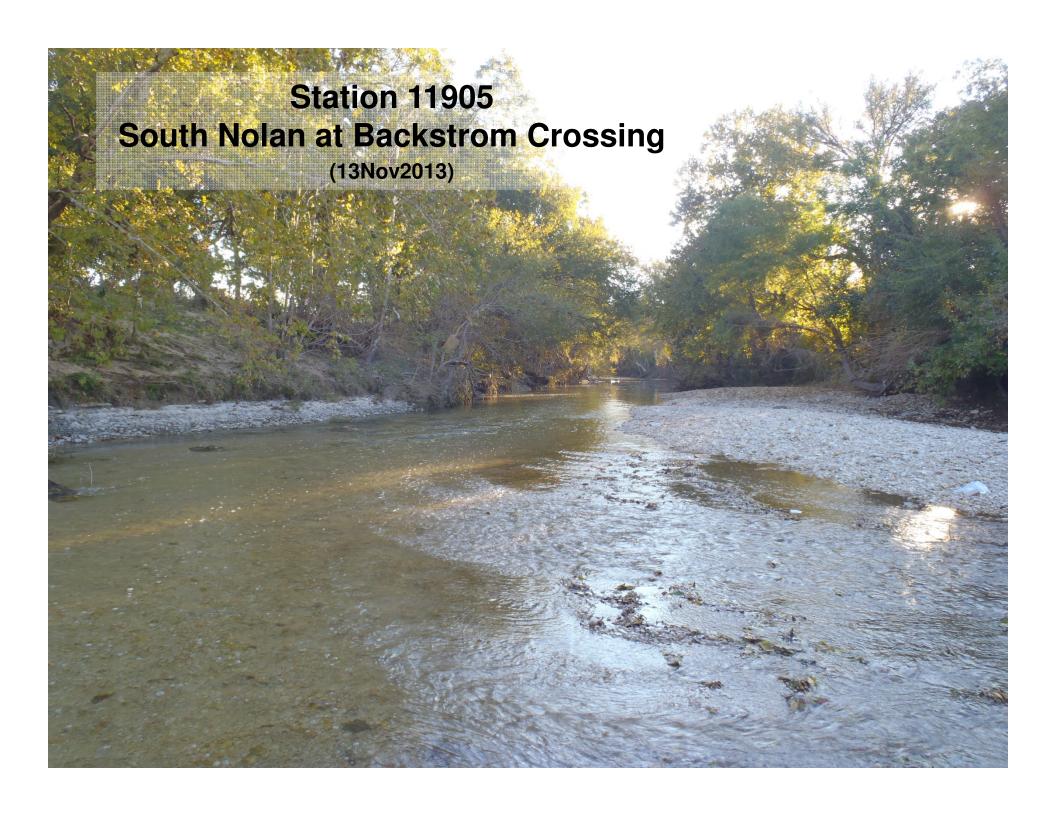






Interpretation – It's Complicated!

- Screening Levels for Nutrients
 - Do not indicate impairment
 - Indicate concerns, generally related to algal growth
 - Nolan Creek not listed for excessive algae
- Limited data with <10 samples



Stream Team Monitoring



Online Resources

Texas Stream Team Home Meadows Center for Water and the Environment Texas Commission On Environmental Quality **Environmental Protection Agency** Region 6

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About Us

http://txstreamteam.meadowscenter.txstate.edu/

- Overview
- Mission & History
- Texas Stream Team Staff
- History
- Spring Lake Activities
- Request for Information

Partnerships in Water Protection

Through a comprehensive network of organizations, agencies, and communities, Texas Stream Team strives to develop and support partnerships that facilitate collaborative efforts towards water resource protection. Texas Stream Teams serves as a bridge to bring community members, agency representatives, stakeholders, and service organizations together to identify, organize, and prioritize resources and activities towards applied water resource protection and outreach projects. In support of these partnerships, Texas Stream Team provides a forum for communication through an array of media and outreach services, and through the facilitation of stakeholder meetings. In addition, TST works with partner network programs to leverage grant and sponsor funding through collaborative project planning and management.

